

Science Collaborative List of Terms 12/2010

Accretion - the gradual and imperceptible addition of land to a parcel by the natural deposition of water-borne sediments. It is the slow increase in one's land occurring grain by grain

Collaborative Learning – A framework and set of techniques intended for multiparty decision situations... a means of designing and implementing a series of events to promote creative thoughts, constructive debate and the effective implementation of proposals that the stakeholders generate. (Daniels & Walker 2001)

Community Council - The Community Council provides a vital connection between Kachemak Bay communities, statewide and national research and education organizations, and the Research Reserve. Effective communication with all of these entities is critical to the Reserve's successful operation. The primary purpose of the Reserve Community Council is to provide an organized structure for substantive and meaningful dialogue and recommendations between agencies, local governments, researchers, environmental educators, conservation groups, and others interested in natural science research and education, and Research Reserve staff. Council meetings are held quarterly and are open to the public.

Compaction – the consolidation of sediments resulting from the weight of overlying deposits

Core Intended User - An individual representing a local community decision making, planning or conservation organization who has committed to active participation throughout the process of the study defined and has demonstrated need & benefit from the information gained from the study. Active participation includes: attending quarterly meetings on the project in person or by teleconference, providing feedback and suggestions throughout the study's course and reviewing final products from the study, and participating in education and outreach events related to the topic of the study.

CORS sites – Continuously Operational Referencing Station

Discovery Lab - Utilizing our state-of-the-art lab classroom within the Alaska Islands & Ocean Visitor Center, Discovery Labs provide the KBRR staff and partners a venue to outreach coastal science topics in a fun, hands-on learning environment. Annual #s of participants in SUMMER X and SCHOOL YEAR X discovery labs. Examples of Discovery Lab topics?

Glacial isostatic rebound – rise of land masses that were depressed by the huge weight of ice sheets during the last glacial period

Intended User - An individual representing themselves or a local community decision making, planning, educational or conservation organization who has articulated a need for the information provided from the results of the proposed study and/or has communicated support and/or participation in the activities surrounding the project's undertaking.

Isostasy – the equilibrium of the earth's crust, a condition in which the forces tending to elevate balance those tending to depress.

NERRS – National Estuarine Research Reserve System

Relative sea-level change – relationship between land & sea level changes

Reliction - uncovering of submerged land by the recession of water. It is legally treated as accretion even though the process is different

RTK – Real-time Kinetic

Sedimentation – the deposition or accumulation of sediment

SET- Sediment Elevation Table

SWMP – System Wide Monitoring Program

Vertical Control – a network of benchmarks to determine land-level changes

Vertical Uplift – absolute change in land level